

APPENDIX F: High-Risk Immunocompromised State Diagnosis and Procedure Codes

High-risk immunocompromised state diagnosis codes: (IMMUNHD)

B20	Human immunodeficiency virus [HIV] disease	C9432	Mast cell leukemia, in relapse
B59	Pneumocystosis	C9440	Acute panmyelosis with myelofibrosis not having achieved remission
C802	Malignant neoplasm associated with transplanted organ	C9442	Acute panmyelosis with myelofibrosis, in relapse
C8300	Small cell B-cell lymphoma, Unspecified site	C946	Myelodysplastic disease, not classified
C8301	Small cell B-cell lymphoma, lymph nodes of head, face, and neck	C9480	Other specified leukemias not having achieved remission
C8302	Small cell B-cell lymphoma, intrathoracic lymph nodes	C9482	Other specified leukemias, in relapse
C8303	Small cell B-cell lymphoma, intra-abdominal lymph nodes	C9500	Acute leukemia of Unspecified cell type not having achieved remission
C8304	Small cell B-cell lymphoma, lymph nodes of axilla and upper limb	C9502	Acute leukemia of Unspecified cell type, in relapse
C8305	Small cell B-cell lymphoma, lymph nodes of inguinal region and lower limb	C9510	Chronic leukemia of Unspecified cell type not having achieved remission
C8306	Small cell B-cell lymphoma, intrapelvic lymph nodes	C9512	Chronic leukemia of Unspecified cell type, in relapse
C8307	Small cell B-cell lymphoma, spleen	C9590	Leukemia, Unspecified not having achieved remission
C8308	Small cell B-cell lymphoma, lymph nodes of multiple sites	C9592	Leukemia, unspecified, in relapse
C8309	Small cell B-cell lymphoma, extranodal and solid organ sites	D45	Polycythemia vera
C8310	Mantle cell lymphoma, Unspecified site	D4622	Refractory anemia with excess of blasts 2
C8311	Mantle cell lymphoma, lymph nodes of head, face, and neck	D471	Chronic myeloproliferative disease
C8312	Mantle cell lymphoma, intrathoracic lymph nodes	D479	Neoplasm of uncertain behavior of lymphoid, hematopoietic and related tissue, Unspecified
C8313	Mantle cell lymphoma, intra-abdominal lymph nodes	D47Z1	Post-Transplant lymphoproliferative disorder (PTLD)
C8314	Mantle cell lymphoma, lymph nodes of axilla and upper limb	D47Z2	Castleman disease
C8315	Mantle cell lymphoma, lymph nodes of inguinal region and lower limb	D47Z9	Other specified neoplasms of uncertain behavior of lymphoid, hematopoietic and related tissue

C8316	Mantle cell lymphoma, intrapelvic lymph nodes	D6109	Other constitutional aplastic anemia
C8317	Mantle cell lymphoma, spleen	D61810	Antineoplastic chemotherapy induced pancytopenia
C8318	Mantle cell lymphoma, lymph nodes of multiple sites	D61811	Other drug-induced pancytopenia
C8319	Mantle cell lymphoma, extranodal and solid organ sites	D61818	Other pancytopenia
C8330	Diffuse large B-cell lymphoma, Unspecified site	D700	Congenital agranulocytosis
C8331	Diffuse large B-cell lymphoma, lymph nodes of head, face, and neck	D701	Agranulocytosis secondary to cancer chemotherapy
C8332	Diffuse large B-cell lymphoma, intrathoracic lymph nodes	D702	Other drug-induced agranulocytosis
C8333	Diffuse large B-cell lymphoma, intra-abdominal lymph nodes	D704	Cyclic neutropenia
C8334	Diffuse large B-cell lymphoma, lymph nodes of axilla and upper limb	D708	Other neutropenia
C8335	Diffuse large B-cell lymphoma, lymph nodes of inguinal region and lower limb	D709	Neutropenia, Unspecified
C8336	Diffuse large B-cell lymphoma, intrapelvic lymph nodes	D71	Functional disorders of polymorphonuclear neutrophils
C8337	Diffuse large B-cell lymphoma, spleen	D720	Genetic anomalies of leukocytes
C8338	Diffuse large B-cell lymphoma, lymph nodes of multiple sites	D72810	Lymphocytopenia
C8339	Diffuse large B-cell lymphoma, extranodal and solid organ sites	D72818	Other decreased white blood cell count
C8350	Lymphoblastic (diffuse) lymphoma, Unspecified site	D72819	Decreased white blood cell count, Unspecified
C8351	Lymphoblastic (diffuse) lymphoma, lymph nodes of head, face, and neck	D7381	Neutropenic splenomegaly
C8352	Lymphoblastic (diffuse) lymphoma, intrathoracic lymph nodes	D7581	Myelofibrosis
C8353	Lymphoblastic (diffuse) lymphoma, intra-abdominal lymph nodes	D761	Hemophagocytic lymphohistiocytosis
C8354	Lymphoblastic (diffuse) lymphoma, lymph nodes of axilla and upper limb	D762	Hemophagocytic syndrome, infection-associated
C8355	Lymphoblastic (diffuse) lymphoma, lymph nodes of inguinal region and lower limb	D763	Other histiocytosis syndromes
C8356	Lymphoblastic (diffuse) lymphoma, intrapelvic lymph nodes	D800	Hereditary hypogammaglobulinemia

C8357	Lymphoblastic (diffuse) lymphoma, spleen	D801	Nonfamilial hypogammaglobulinemia
C8358	Lymphoblastic (diffuse) lymphoma, lymph nodes of multiple sites	D802	Selective deficiency of immunoglobulin A [IGA]
C8359	Lymphoblastic (diffuse) lymphoma, extranodal and solid organ sites	D803	Selective deficiency of immunoglobulin G [IGG] subclasses
C8370	Burkitt lymphoma, Unspecified site	D804	Selective deficiency of immunoglobulin M [IGM]
C8371	Burkitt lymphoma, lymph nodes of head, face, and neck	D805	Immunodeficiency with increased immunoglobulin M [IGM]
C8372	Burkitt lymphoma, intrathoracic lymph nodes	D806	Antibody deficiency with near-normal immunoglobulins or with hyperimmunoglobulinemia
C8373	Burkitt lymphoma, intra-abdominal lymph nodes	D807	Transient hypogammaglobulinemia of infancy
C8374	Burkitt lymphoma, lymph nodes of axilla and upper limb	D808	Other immunodeficiencies with predominantly antibody defects
C8375	Burkitt lymphoma, lymph nodes of inguinal region and lower limb	D809	Immunodeficiency with predominantly antibody defects, Unspecified
C8376	Burkitt lymphoma, intrapelvic lymph nodes	D810	Severe combined immunodeficiency [SCID] with reticular dysgenesis
C8377	Burkitt lymphoma, spleen	D811	Severe combined immunodeficiency [SCID] with low T- and B-cell numbers
C8378	Burkitt lymphoma, lymph nodes of multiple sites	D812	Severe combined immunodeficiency [SCID] with low or normal B-cell numbers
C8379	Burkitt lymphoma, extranodal and solid organ sites	D8130	Adenosine deaminase deficiency, Unspecified
C8380	Other non-follicular lymphoma, Unspecified site	D8131	Severe combined immunodeficiency due to adenosine deaminase deficiency
C8381	Other non-follicular lymphoma, lymph nodes of head, face, and neck	D8132	Adenosine deaminase 2 deficiency
C8382	Other non-follicular lymphoma, intrathoracic lymph nodes	D8139	Other adenosine deaminase deficiency
C8383	Other non-follicular lymphoma, intra-abdominal lymph nodes	D814	Nezelof's syndrome
C8384	Other non-follicular lymphoma, lymph nodes of axilla and upper limb	D816	Major histocompatibility complex class I deficiency
C8385	Other non-follicular lymphoma, lymph nodes of inguinal region and lower limb	D817	Major histocompatibility complex class II deficiency

C8386	Other non-follicular lymphoma, intrapelvic lymph nodes	D8189	Other combined immunodeficiencies
C8387	Other non-follicular lymphoma, spleen	D819	Combined immunodeficiency, Unspecified
C8388	Other non-follicular lymphoma, lymph nodes of multiple sites	D820	Wiskott-Aldrich syndrome
C8389	Other non-follicular lymphoma, extranodal and solid organ sites	D821	Di george's syndrome
C8390	Non-Follicular (diffuse) lymphoma, unspecified, Unspecified site	D822	Immunodeficiency with short-limbed stature
C8391	Non-Follicular (diffuse) lymphoma, unspecified, lymph nodes of head, face, and neck	D823	Immunodeficiency following hereditary defective response to epstein-barr virus
C8392	Non-Follicular (diffuse) lymphoma, unspecified, intrathoracic lymph nodes	D824	Hyperimmunoglobulin E [IGE] syndrome
C8393	Non-Follicular (diffuse) lymphoma, unspecified, intra-abdominal lymph nodes	D828	Immunodeficiency associated with Other specified major defects
C8394	Non-Follicular (diffuse) lymphoma, unspecified, lymph nodes of axilla and upper limb	D829	Immunodeficiency associated with major defect, Unspecified
C8395	Non-Follicular (diffuse) lymphoma, unspecified, lymph nodes of inguinal region and lower limb	D830	Common variable immunodeficiency with predominant abnormalities of B-cell numbers and function
C8396	Non-Follicular (diffuse) lymphoma, unspecified, intrapelvic lymph nodes	D831	Common variable immunodeficiency with predominant immunoregulatory T-cell disorders
C8397	Non-Follicular (diffuse) lymphoma, unspecified, spleen	D832	Common variable immunodeficiency with autoantibodies to B- or T-cells
C8398	Non-Follicular (diffuse) lymphoma, unspecified, lymph nodes of multiple sites	D838	Other common variable immunodeficiencies
C8399	Non-Follicular (diffuse) lymphoma, unspecified, extranodal and solid organ sites	D839	Common variable immunodeficiency, Unspecified
C8440	Peripheral T-cell lymphoma, not classified, Unspecified site	D840	Lymphocyte function antigen-1 [LFA-1] defect
C8441	Peripheral T-cell lymphoma, not classified, lymph nodes of head, face, and neck	D841	Defects in the complement system
C8442	Peripheral T-cell lymphoma, not classified, intrathoracic lymph nodes	D848	Other specified immunodeficiencies

C8443	Peripheral T-cell lymphoma, not classified, intra-abdominal lymph nodes	D8481	Immunodeficiency due to conditions classified elsewhere
C8444	Peripheral T-cell lymphoma, not classified, lymph nodes of axilla and upper limb	D84821	Immunodeficiency due to drugs
C8445	Peripheral T-cell lymphoma, not classified, lymph nodes of inguinal region and lower limb	D84822	Immunodeficiency due to external causes
C8446	Peripheral T-cell lymphoma, not classified, intrapelvic lymph nodes	D8489	Other immunodeficiencies
C8447	Peripheral T-cell lymphoma, not classified, spleen	D849	Immunodeficiency, Unspecified
C8448	Peripheral T-cell lymphoma, not classified, lymph nodes of multiple sites	D893	Immune reconstitution syndrome
C8449	Peripheral T-cell lymphoma, not classified, extranodal and solid organ sites	D89810	Acute graft-versus-host disease
C8460	Anaplastic large cell lymphoma, ALK-positive, Unspecified site	D89811	Chronic graft-versus-host disease
C8461	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of head, face, and neck	D89812	Acute on chronic graft-versus-host disease
C8462	Anaplastic large cell lymphoma, ALK-positive, intrathoracic lymph nodes	D89813	Graft-Versus-Host disease, Unspecified
C8463	Anaplastic large cell lymphoma, ALK-positive, intra-abdominal lymph nodes	D8982	Autoimmune lymphoproliferative syndrome [ALPS]
C8464	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of axilla and upper limb	D8989	Other specified disorders involving the immune mechanism, not elsewhere classified
C8465	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of inguinal region and lower limb	D899	Disorder involving the immune mechanism, Unspecified
C8466	Anaplastic large cell lymphoma, ALK-positive, intrapelvic lymph nodes	E40	Kwashiorkor
C8467	Anaplastic large cell lymphoma, ALK-positive, spleen	E41	Nutritional marasmus
C8468	Anaplastic large cell lymphoma, ALK-positive, lymph nodes of multiple sites	E42	Marasmic kwashiorkor
C8469	Anaplastic large cell lymphoma, ALK-positive, extranodal and solid organ sites	E43	Unspecified severe protein-calorie malnutrition

C8470	Anaplastic large cell lymphoma, ALK-negative, Unspecified site	I120	Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end stage renal disease
C8471	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of head, face, and neck	I1311	Hypertensive heart and chronic kidney disease without heart failure, with stage 5 chronic kidney disease, or end stage renal disease
C8472	Anaplastic large cell lymphoma, ALK-negative, intrathoracic lymph nodes	I132	Hypertensive heart and chronic kidney disease with heart failure and with stage 5 chronic kidney disease, or end stage renal disease
C8473	Anaplastic large cell lymphoma, ALK-negative, intra-abdominal lymph nodes	K912	Postsurgical malabsorption, not elsewhere classified
C8474	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of axilla and upper limb	N185	Chronic kidney disease, stage 5
C8475	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of inguinal region and lower limb	N186	End stage renal disease
C8476	Anaplastic large cell lymphoma, ALK-negative, intrapelvic lymph nodes	T8600	Unspecified complication of bone marrow transplant
C8477	Anaplastic large cell lymphoma, ALK-negative, spleen	T8601	Bone marrow transplant rejection
C8478	Anaplastic large cell lymphoma, ALK-negative, lymph nodes of multiple sites	T8602	Bone marrow transplant failure
C8479	Anaplastic large cell lymphoma, ALK-negative, extranodal and solid organ sites	T8603	Bone marrow transplant infection
C847A	Anaplastic large cell lymphoma, ALK-negative, breast	T8609	Other complications of bone marrow transplant
C865	Angioimmunoblastic T-cell lymphoma	T8610	Unspecified complication of kidney transplant
C866	Primary cutaneous CD30-positive T-cell proliferations	T8611	Kidney transplant rejection
C884	Extranodal marginal zone B-cell lymphoma of mucosa-associated lymphoid tissue [MALT-lymphoma]	T8612	Kidney transplant failure
C888	Other malignant immunoproliferative diseases	T8613	Kidney transplant infection
C9000	Multiple myeloma not having achieved remission	T8619	Other complication of kidney transplant
C9002	Multiple myeloma in relapse	T8620	Unspecified complication of heart transplant

C9010	Plasma cell leukemia not having achieved remission	T8621	Heart transplant rejection
C9012	Plasma cell leukemia in relapse	T8622	Heart transplant failure
C9020	Extramedullary plasmacytoma not having achieved remission	T8623	Heart transplant infection
C9022	Extramedullary plasmacytoma in relapse	T86290	Cardiac allograft vasculopathy
C9030	Solitary plasmacytoma not having achieved remission	T86298	Other complications of heart transplant
C9032	Solitary plasmacytoma in relapse	T8630	Unspecified complication of heart-lung transplant
C9100	Acute lymphoblastic leukemia not having achieved remission	T8631	Heart-Lung transplant rejection
C9102	Acute lymphoblastic leukemia, in relapse	T8632	Heart-Lung transplant failure
C9110	Chronic lymphocytic leukemia of B-cell type not having achieved remission	T8633	Heart-Lung transplant infection
C9112	Chronic lymphocytic leukemia of B-cell type in relapse	T8639	Other complications of heart-lung transplant
C9130	Prolymphocytic leukemia of B-cell type not having achieved remission	T8640	Unspecified complication of liver transplant
C9132	Prolymphocytic leukemia of B-cell type, in relapse	T8641	Liver transplant rejection
C9140	Hairy cell leukemia not having achieved remission	T8642	Liver transplant failure
C9142	Hairy cell leukemia, in relapse	T8643	Liver transplant infection
C9150	Adult T-cell lymphoma/leukemia (HTLV-1-associated) not having achieved remission	T8649	Other complications of liver transplant
C9152	Adult T-cell lymphoma/leukemia (HTLV-1-associated), in relapse	T865	Complications of stem cell transplant
C9160	Prolymphocytic leukemia of T-cell type not having achieved remission	T86810	Lung transplant rejection
C9162	Prolymphocytic leukemia of T-cell type, in relapse	T86811	Lung transplant failure
C9190	Lymphoid leukemia, Unspecified not having achieved remission	T86812	Lung transplant infection
C9192	Lymphoid leukemia, unspecified, in relapse	T86818	Other complications of lung transplant
C91A0	Mature B-cell leukemia burkitt-type not having achieved remission	T86819	Unspecified complication of lung transplant
C91A2	Mature B-cell leukemia burkitt-type, in relapse	T86850	Intestine transplant rejection

C91Z0	Other lymphoid leukemia not having achieved remission	T86851	Intestine transplant failure
C91Z2	Other lymphoid leukemia, in relapse	T86852	Intestine transplant infection
C9200	Acute myeloblastic leukemia, not having achieved remission	T86858	Other complications of intestine transplant
C9202	Acute myeloblastic leukemia, in relapse	T86859	Unspecified complication of intestine transplant
C9210	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	T86890	Other transplanted tissue rejection
C9212	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	T86891	Other transplanted tissue failure
C9220	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	T86892	Other transplanted tissue infection
C9222	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	T86898	Other complications of Other transplanted tissue
C9230	Myeloid sarcoma, not having achieved remission	T86899	Unspecified complication of Other transplanted tissue
C9232	Myeloid sarcoma, in relapse	T8690	Unspecified complication of Unspecified transplanted organ and tissue
C9240	Acute promyelocytic leukemia, not having achieved remission	T8691	Unspecified transplanted organ and tissue rejection
C9242	Acute promyelocytic leukemia, in relapse	T8692	Unspecified transplanted organ and tissue failure
C9250	Acute myelomonocytic leukemia, not having achieved remission	T8693	Unspecified transplanted organ and tissue infection
C9252	Acute myelomonocytic leukemia, in relapse	T8699	Other complications of Unspecified transplanted organ and tissue
C9260	Acute myeloid leukemia with 11q23-abnormality not having achieved remission	Z4821	Encounter for aftercare following heart transplant
C9262	Acute myeloid leukemia with 11q23-abnormality in relapse	Z4822	Encounter for aftercare following kidney transplant
C9290	Myeloid leukemia, unspecified, not having achieved remission	Z4823	Encounter for aftercare following liver transplant
C9292	Myeloid leukemia, Unspecified in relapse	Z4824	Encounter for aftercare following lung transplant
C92A0	Acute myeloid leukemia with multilineage dysplasia, not having achieved remission	Z48280	Encounter for aftercare following heart-lung transplant
C92A2	Acute myeloid leukemia with multilineage dysplasia, in relapse	Z48288	Encounter for aftercare following multiple organ transplant

C92Z0	Other myeloid leukemia not having achieved remission	Z48290	Encounter for aftercare following bone marrow transplant
C92Z2	Other myeloid leukemia, in relapse	Z48298	Encounter for aftercare following Other organ transplant
C9300	Acute monoblastic/monocytic leukemia, not having achieved remission	Z4901	Encounter for fitting and adjustment of extracorporeal dialysis catheter
C9302	Acute monoblastic/monocytic leukemia, in relapse	Z4902	Encounter for fitting and adjustment of peritoneal dialysis catheter
C9310	Chronic myelomonocytic leukemia not having achieved remission	Z4931	Encounter for adequacy testing for hemodialysis
C9312	Chronic myelomonocytic leukemia, in relapse	Z4932	Encounter for adequacy testing for peritoneal dialysis
C9330	Juvenile myelomonocytic leukemia, not having achieved remission	Z940	Kidney transplant status
C9332	Juvenile myelomonocytic leukemia, in relapse	Z941	Heart transplant status
C9390	Monocytic leukemia, unspecified, not having achieved remission	Z942	Lung transplant status
C9392	Monocytic leukemia, Unspecified in relapse	Z943	Heart and lungs transplant status
C93Z0	Other monocytic leukemia, not having achieved remission	Z944	Liver transplant status
C93Z2	Other monocytic leukemia, in relapse	Z9481	Bone marrow transplant status
C9400	Acute erythroid leukemia, not having achieved remission	Z9482	Intestine transplant status
C9402	Acute erythroid leukemia, in relapse	Z9483	Pancreas transplant status
C9420	Acute megakaryoblastic leukemia not having achieved remission	Z9484	Stem cells transplant status
C9422	Acute megakaryoblastic leukemia, in relapse	Z9489	Other transplanted organ and tissue status
C9430	Mast cell leukemia not having achieved remission	Z992	Dependence on renal dialysis

High-risk immunocompromised state procedure codes: (TRANSPP)

02YA0Z0	Transplantation of heart, allogeneic, open approach	30233G1	Transfusion of nonautologous bone marrow into peripheral vein, percutaneous approach
02YA0Z2	Transplantation of heart, zooplasmic, open approach	30233G2	Transfusion of allogeneic related bone marrow into peripheral vein, percutaneous approach

0BYC0Z0	Transplantation of right upper lung lobe, allogeneic, open approach	30233G3	Transfusion of allogeneic unrelated bone marrow into peripheral vein, percutaneous approach
0BYC0Z2	Transplantation of right upper lung lobe, zooplastic, open approach	30233G4	Transfusion of allogeneic Unspecified bone marrow into peripheral vein, percutaneous approach
0BYD0Z0	Transplantation of right middle lung lobe, allogeneic, open approach	30233U2	Transfusion of allogeneic related T-cell depleted hematopoietic stem cells into peripheral vein, percutaneous approach
0BYD0Z2	Transplantation of right middle lung lobe, zooplastic, open approach	30233U3	Transfusion of allogeneic unrelated T-cell depleted hematopoietic stem cells into peripheral vein, percutaneous approach
0BYF0Z0	Transplantation of right lower lung lobe, allogeneic, open approach	30233U4	Transfusion of allogeneic Unspecified T-cell depleted hematopoietic stem cells into peripheral vein, percutaneous approach
0BYF0Z2	Transplantation of right lower lung lobe, zooplastic, open approach	30233X0	Transfusion of autologous cord blood stem cells into peripheral vein, percutaneous approach
0BYG0Z0	Transplantation of left upper lung lobe, allogeneic, open approach	30233X1	Transfusion of nonautologous cord blood stem cells into peripheral vein, percutaneous approach
0BYG0Z2	Transplantation of left upper lung lobe, zooplastic, open approach	30233X2	Transfusion of allogeneic related cord blood stem cells into peripheral vein, percutaneous approach
0BYH0Z0	Transplantation of lung lingula, allogeneic, open approach	30233X3	Transfusion of allogeneic unrelated cord blood stem cells into peripheral vein, percutaneous approach
0BYH0Z2	Transplantation of lung lingula, zooplastic, open approach	30233X4	Transfusion of allogeneic Unspecified cord blood stem cells into peripheral vein, percutaneous approach
0BYJ0Z0	Transplantation of left lower lung lobe, allogeneic, open approach	30233Y0	Transfusion of autologous hematopoietic stem cells into peripheral vein, percutaneous approach
0BYJ0Z2	Transplantation of left lower lung lobe, zooplastic, open approach	30233Y1	Transfusion of nonautologous hematopoietic stem cells into peripheral vein, percutaneous approach

0BYK0Z0	Transplantation of right lung, allogeneic, open approach	30233Y2	Transfusion of allogeneic related hematopoietic stem cells into peripheral vein, percutaneous approach
0BYK0Z2	Transplantation of right lung, zooplastic, open approach	30233Y3	Transfusion of allogeneic unrelated hematopoietic stem cells into peripheral vein, percutaneous approach
0BYL0Z0	Transplantation of left lung, allogeneic, open approach	30233Y4	Transfusion of allogeneic Unspecified hematopoietic stem cells into peripheral vein, percutaneous approach
0BYL0Z2	Transplantation of left lung, zooplastic, open approach	30240AZ	Transfusion of embryonic stem cells into central vein, open approach
0BYM0Z0	Transplantation of bilateral lungs, allogeneic, open approach	30240G0	Transfusion of autologous bone marrow into central vein, open approach
0BYM0Z2	Transplantation of bilateral lungs, zooplastic, open approach	30240G1	Transfusion of nonautologous bone marrow into central vein, open approach
0DY50Z0	Transplantation of esophagus, allogeneic, open approach	30240G2	Transfusion of allogeneic related bone marrow into central vein, open approach
0DY50Z2	Transplantation of esophagus, zooplastic, open approach	30240G3	Transfusion of allogeneic unrelated bone marrow into central vein, open approach
0DY60Z0	Transplantation of stomach, allogeneic, open approach	30240G4	Transfusion of allogeneic Unspecified bone marrow into central vein, open approach
0DY60Z2	Transplantation of stomach, zooplastic, open approach	30240U2	Transfusion of allogeneic related T-cell depleted hematopoietic stem cells into central vein, open approach
0DY80Z0	Transplantation of small intestine, allogeneic, open approach	30240U3	Transfusion of allogeneic unrelated T-cell depleted hematopoietic stem cells into central vein, open approach
0DY80Z2	Transplantation of small intestine, zooplastic, open approach	30240U4	Transfusion of allogeneic Unspecified T-cell depleted hematopoietic stem cells into central vein, open approach
0DYE0Z0	Transplantation of large intestine, allogeneic, open approach	30240X0	Transfusion of autologous cord blood stem cells into central vein, open approach
0DYE0Z2	Transplantation of large intestine, zooplastic, open approach	30240X1	Transfusion of nonautologous cord blood stem cells into central vein, open approach

0FY00Z0	Transplantation of liver, allogeneic, open approach	30240X2	Transfusion of allogeneic related cord blood stem cells into central vein, open approach
0FY00Z2	Transplantation of liver, zooplastic, open approach	30240X3	Transfusion of allogeneic unrelated cord blood stem cells into central vein, open approach
0FYG0Z0	Transplantation of pancreas, allogeneic, open approach	30240X4	Transfusion of allogeneic Unspecified cord blood stem cells into central vein, open approach
0FYG0Z2	Transplantation of pancreas, zooplastic, open approach	30240Y0	Transfusion of autologous hematopoietic stem cells into central vein, open approach
0TY00Z0	Transplantation of right kidney, allogeneic, open approach	30240Y1	Transfusion of nonautologous hematopoietic stem cells into central vein, open approach
0TY00Z2	Transplantation of right kidney, zooplastic, open approach	30240Y2	Transfusion of allogeneic related hematopoietic stem cells into central vein, open approach
0TY10Z0	Transplantation of left kidney, allogeneic, open approach	30240Y3	Transfusion of allogeneic unrelated hematopoietic stem cells into central vein, open approach
0TY10Z2	Transplantation of left kidney, zooplastic, open approach	30240Y4	Transfusion of allogeneic Unspecified hematopoietic stem cells into central vein, open approach
0WY20Z0	Transplantation of face, allogeneic, open approach	30243AZ	Transfusion of embryonic stem cells into central vein, percutaneous approach
0XYJ0Z0	Transplantation of right hand, allogeneic, open approach	30243G0	Transfusion of autologous bone marrow into central vein, percutaneous approach
0XYK0Z0	Transplantation of left hand, allogeneic, open approach	30243G1	Transfusion of nonautologous bone marrow into central vein, percutaneous approach
30230AZ	Transfusion of embryonic stem cells into peripheral vein, open approach	30243G2	Transfusion of allogeneic related bone marrow into central vein, percutaneous approach
30230G0	Transfusion of autologous bone marrow into peripheral vein, open approach	30243G3	Transfusion of allogeneic unrelated bone marrow into central vein, percutaneous approach
30230G1	Transfusion of nonautologous bone marrow into peripheral vein, open approach	30243G4	Transfusion of allogeneic Unspecified bone marrow into central vein, percutaneous approach

30230G2	Transfusion of allogeneic related bone marrow into peripheral vein, open approach	30243U2	Transfusion of allogeneic related T-cell depleted hematopoietic stem cells into central vein, percutaneous approach
30230G3	Transfusion of allogeneic unrelated bone marrow into peripheral vein, open approach	30243U3	Transfusion of allogeneic unrelated T-cell depleted hematopoietic stem cells into central vein, percutaneous approach
30230G4	Transfusion of allogeneic Unspecified bone marrow into peripheral vein, open approach	30243U4	Transfusion of allogeneic Unspecified T-cell depleted hematopoietic stem cells into central vein, percutaneous approach
30230U2	Transfusion of allogeneic related T-cell depleted hematopoietic stem cells into peripheral vein, open approach	30243X0	Transfusion of autologous cord blood stem cells into central vein, percutaneous approach
30230U3	Transfusion of allogeneic unrelated T-cell depleted hematopoietic stem cells into peripheral vein, open approach	30243X1	Transfusion of nonautologous cord blood stem cells into central vein, percutaneous approach
30230U4	Transfusion of allogeneic Unspecified T-cell depleted hematopoietic stem cells into peripheral vein, open approach	30243X2	Transfusion of allogeneic related cord blood stem cells into central vein, percutaneous approach
30230X0	Transfusion of autologous cord blood stem cells into peripheral vein, open approach	30243X3	Transfusion of allogeneic unrelated cord blood stem cells into central vein, percutaneous approach
30230X1	Transfusion of nonautologous cord blood stem cells into peripheral vein, open approach	30243X4	Transfusion of allogeneic Unspecified cord blood stem cells into central vein, percutaneous approach
30230X2	Transfusion of allogeneic related cord blood stem cells into peripheral vein, open approach	30243Y0	Transfusion of autologous hematopoietic stem cells into central vein, percutaneous approach
30230X3	Transfusion of allogeneic unrelated cord blood stem cells into peripheral vein, open approach	30243Y1	Transfusion of nonautologous hematopoietic stem cells into central vein, percutaneous approach
30230X4	Transfusion of allogeneic Unspecified cord blood stem cells into peripheral vein, open approach	30243Y2	Transfusion of allogeneic related hematopoietic stem cells into central vein, percutaneous approach
30230Y0	Transfusion of autologous hematopoietic stem cells into peripheral vein, open approach	30243Y3	Transfusion of allogeneic unrelated hematopoietic stem cells into central vein, percutaneous approach
30230Y1	Transfusion of nonautologous hematopoietic stem cells into peripheral vein, open approach	30243Y4	Transfusion of allogeneic Unspecified hematopoietic stem cells into central vein, percutaneous approach

30230Y2	Transfusion of allogeneic related hematopoietic stem cells into peripheral vein, open approach	3E030U1	Introduction of nonautologous pancreatic islet cells into peripheral vein, open approach
30230Y3	Transfusion of allogeneic unrelated hematopoietic stem cells into peripheral vein, open approach	3E033U1	Introduction of nonautologous pancreatic islet cells into peripheral vein, percutaneous approach
30230Y4	Transfusion of allogeneic Unspecified hematopoietic stem cells into peripheral vein, open approach	3E0J3U1	Introduction of nonautologous pancreatic islet cells into biliary and pancreatic tract, percutaneous approach
30233AZ	Transfusion of embryonic stem cells into peripheral vein, percutaneous approach	3E0J7U1	Introduction of nonautologous pancreatic islet cells into biliary and pancreatic tract, via natural or artificial opening
30233G0	Transfusion of autologous bone marrow into peripheral vein, percutaneous approach	3E0J8U1	Introduction of nonautologous pancreatic islet cells into biliary and pancreatic tract, via natural or artificial opening endoscopic